

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

3

Work Order ID 132069

Friday, January 27, 2017 9:01:35 AM

132069

Page 2

Item ID: D4042-042 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Short Basket Base Assembly, RH
Start Date: 4/27/2015 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 4/28/2015 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC5- Inspect part completeness to step on W/O	0.00							DAS 9 9-89
120	QC	0.00							
QC	Memo								
Quality Control	pressure wash								
130	White Gloss(Ref 4.3.5.2) per QSI005 4.3-Steel	0.00							
130									
Powdercoat	Memo	0.00							
Powder Coating	1- Plug holes prior to								
	1ST COAT: 3:30								
	START TIME: 3:30								
	OVEN TEMPERATURE: 400								
	FINISH TIME: 4:00								
	***** 2nd coat if necessary *****								
	2ND COAT:								
	START TIME:								
	OVEN TEMPERATURE:								
	FINISH TIME:								

QC
125*

0 17-04-29

X1

2017/05/01
BET

1 17-05-01

DAS
34
9-89

DQA: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 				
Description Work Order Deviation				Disposition							
							Completed By				
							Lead hand / Supervisor Approval Verification				
					QC / QA Coordinator Approval						
Root Cause				FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER : ☐											

Work Order ID 132069

Friday, January 27, 2017 9:01:35 AM

132069

Page 3

Item ID: D4042-042

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/28/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC3- Inspect Part Finish	0.00							
140									
QC	Memo	0.00				1x	d	all	1/26/02
Quality Control									
150	Assemble as per dwg	0.00							
150									
HandFinish	Memo	0.00				(X1)			2017/05/02
Hand Finishing									BE-13.
160	QC5- Inspect part completeness to step on W/O	0.00							
160									
QC	Memo	0.00				1			
Quality Control									

DAS
38
9-89

MAY 03 2017

D
1
9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
Root Cause				FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Work Order ID 132069

Friday, January 27, 2017 9:01:35 AM

132069

Page 4

Item ID: D4042-042

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 4/28/2015 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

170

Identify as per dwg & Stock Location: w/o

0.00

D205-341-142 / B1594141xdBEB
2017/05/02***170***

Packaging

Memo

0.00

Packaging

159414

180

QC21- Final Inspection - Work Order Release

0.00

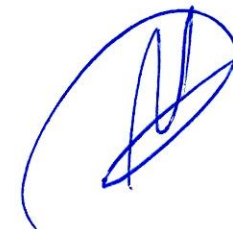
17/6/21 df***180***

QC

Memo

0.00

Quality Control



JUN 20 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
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Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐																			

Picklist Print

Friday, January 27, 2017 9:01:44 AM

Page 1

Work Order ID: 132069

132069

Parent Item: D4042-042

D4042-042

Parent Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015

Required Date: 4/28/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: new issue DD 10.01.12 verified by:EC IPP Rev:B as per dwg
revA DD 10.02.18 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4042-043 *D4042-043* Aft Rib Assembly		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DAS 24 9-89
D4043-041 *D4043-041* Rib Assembly		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DAS 24 9-89
D4044-043 *D4044-043* Center Rib Assembly		Manufactured	No			100	Each	0.0000	2	2		MAR 29 2017	DAS 24 9-89
D4044-041 *D4044-041* Fwd Rib Assembly		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DA 24 9-89
D4042-1 *D4042-1* Fwd Rib		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DAS 24 9-89
D4042-5 *D4042-5* Rib		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DA 24 9-89
D4042-7 *D4042-7* Rib		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DAS 24 9-89
D4042-9 *D4042-9* Rib		Manufactured	No			100	Each	0.0000	1	1		MAR 29 2017	DAS 24 9-89

DQA: _____ Date: _____

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QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Page 2

Work Order ID: 132069

132069

Parent Item: D4042-042

D4042-042

Parent Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015

Required Date: 4/28/2015

Start Qty: 1.00

Required Qty: 1.00

D4042-13	Manufactured	No	100	Each	0.0000	1	1	68-6 42 SVQ	**B132071→1	MAR 29 2017
D4042-13										
Rib										
D4043-3	Manufactured	No	100	Each	0.0000	1	1	68-6 42 SVQ	**B132070→1	MAR 29 2017
D4043-3										
Rib										
D4043-5	Manufactured	No	100	Each	0.0000	2	2	DAS 24 9-89	**B132075→2	MAR 29 2017
D4043-5										
Rib										
D4043-7	Manufactured	No	100	Each	0.0000	2	2	DAS 24 9-89	**B132076→2	MAR 29 2017
D4043-7										
Rib										
D4044-5	Manufactured	No	100	Each	0.0000	1	1	DAS 24 9-89	**B132079→1	MAR 29 2017
D4044-5										
Aft Rib										
D4042-11	Manufactured	No	100	Each	0.0000	1	1	DAS 24 9-89	**B132080→1	MAR 29 2017
D4042-11										
Rib										
D4045-1	Manufactured	No	100	Each	7.0000	3	3	DAS 24 9-89	**B72931	MAR 29 2017
D4045-1										
Lug										

Location

Loc Qty

Loc Code

WA004

7

72931

7

D4046-1	Manufactured	No	100	Each	0.0000	1	1			
D4046-1										
Mesh Basket Base										

B158782

12-04-21

Friday, January 27, 2017 9:01:44 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Work Order ID: 132069

132069

Parent Item: D4042-042

D4042-042

Parent Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015

Required Date: 4/28/2015

Start Qty: 1.00

Required Qty: 1.00

✓ D4046-3
D4046-3
Mesh Fwd End

Manufactured No

100 Each

1.0000 1 1

** B159833 → 1.0 C 17-04-21

Location

Loc Qty

Loc Code

WA006

1

102220

1

✓ D4046-5
D4046-5
Mesh Aft End

Manufactured No

100 Each

1.0000 1 1

** B159834 → 1.0 C 17-04-21

Location

Loc Qty

Loc Code

WA006

1

102300

1

D4016-1
D4016-1
Hinge Half, Base

Manufactured No

100 Each

41.0000 3

**

DAS
24
9-89

MAR 29 2017

Location

Loc Qty

Loc Code

WA004

41

152180

19

154145

22

B121919 → 3
B155346 → 3

D4021-1
D4021-1
Handle Plate

Manufactured No

100 Each

24.0000 4

**

DAS
24
9-89

MAR 29 2017

Location

Loc Qty

Loc Code

WA004

24

139529

1

149655

3

151073

13

152973

1

155267

6

B129822 → 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
								OTHER : _____	

Picklist Print

Friday, January 27, 2017 9:01:44 AM

Page 4

Work Order ID: 132069

132069

Parent Item: D4042-042

D4042-042

Parent Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015

Required Date: 4/28/2015

Start Qty: 1.00

Required Qty: 1.00

D2581

Manufactured No

100

Each

108.0000

2

2

MAR 29 2017

DAS
24
9-89

D2581

Mounting Bracket

**

Location

Loc Qty

Loc Code

WA004

108

132771

1

136270

2

139082

2

147603

2

148944

23

152803

48

154019

6

155305

24

B102265 → 2
B152803 → 2

D2931

Manufactured No

150

Each

1,462.000

2

2

D2931

Bumper

**

Location

Loc Qty

Loc Code

ST013

139

86435

139

ST025A

1323

86435

1323

APR 29 2017

DAS
6
9-89

2

NAS1149DN832J

Purchased

No

150

Each

1,548.000

2

2

NAS1149DN832.J

Washer

**

Location

Loc Qty

Loc Code

ST264

1548

M135297

1548

APR 29 2017

DAS
6
9-89

2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

Picklist Print

Friday, January 27, 2017 9:01:45 AM

Work Order ID: 132069

132069

Parent Item: D4042-042

D4042-042

Parent Item Name: Short Basket Base Assembly, RH

Start Date: 4/27/2015

Required Date: 4/28/2015

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

150

Each

580.0000

2

2

MS20600-AD4W3

Cherry Rivet

DAS

APR 29 2017

6

89

Location

Loc Qty

Loc Code

CCK004

300

m136648

300

ST308

180

m135603

180

WA003

100

m135603

100

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

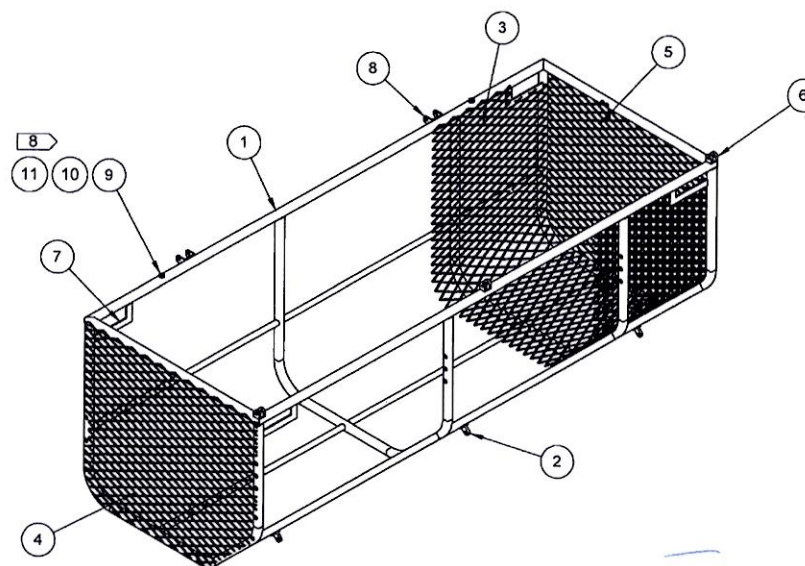
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By 		
							Lead hand / Supervisor Approval Verification 		
QC / QA Coordinator Approval 									

Root Cause				FAULT CATEGORY			
☐ Environment	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
☐ Design	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
☐ Doc/Data	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
☐ Equip/Tooling	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
☐ Handling/Pre	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
☐ Material	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
☐ Internal Transport	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
☐ Tribal Knowledge	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
☐ LOA	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
☐ Substation	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
☐ Past Expiry Date	☐ Manufacturing Process	OTHER : _____					
☐ Misidentified	☐ Past Due						

ITEM	QTY -042	P/N	DESCRIPTION
	X	D4042-042	SHORT BASKET BASE ASSY, RH
1	1	D4042-102	BASKET BASE FRAME ASSY, RH
2	3	D4045-1	LUG
3	1	D4046-1	MESH BASKET BASE
4	1	D4046-3	MESH FWD END
5	1	D4046-5	MESH AFT END
6	3	D4016-1	HINGE HALF, BASE
7	4	D4021-1	HANDLE PLATE
8	2	D2581	MOUNTING BRACKET
9	2	D2931	BUMPER
10	2	AN960JD8	WASHER
11	2	MS20600AD4W3	RIVET



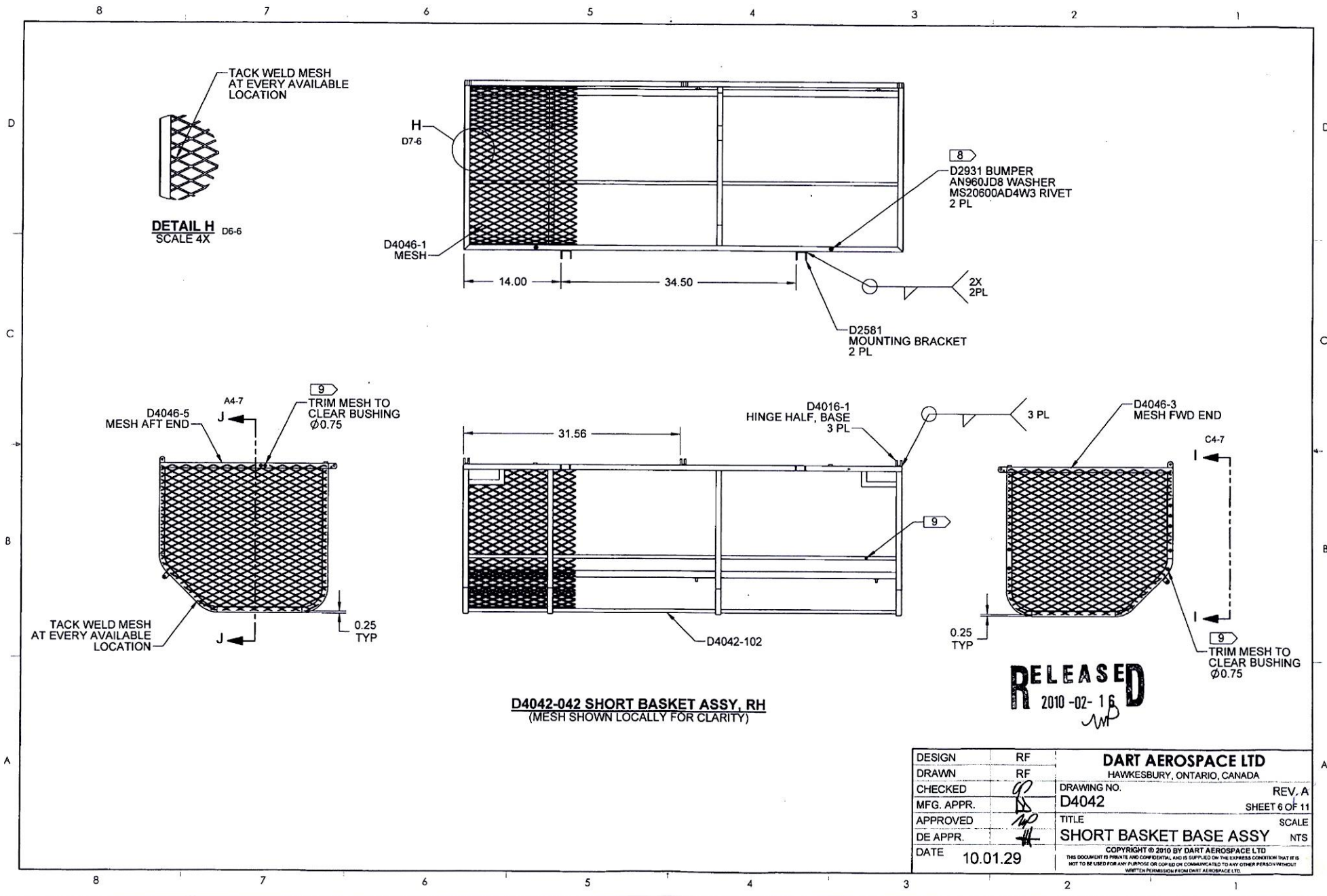
D4042-042 SHORT BASKET ASSY, RH
(MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 28.82 lbs APROX
- 8) INSTALL AFTER FINISH
- 9) TRIM LOCALLY AS REQUIRED TO CLEAR FASTENERS/STRUCTURE
- 10) WELD PER DART QSI 004

RELEASED
2010-02-16
JMP

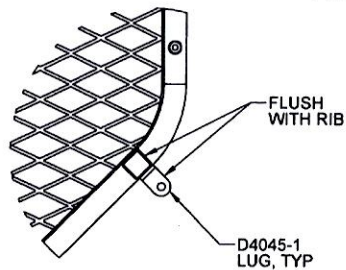
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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4042	SHEET 2 OF 11
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	SHORT BASKET BASE ASSY	NTS
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D4042-042 SHORT BASKET ASSY, RH
(MESH SHOWN LOCALLY FOR CLARITY)

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2010-02-16

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4042	SHEET 6 OF 11
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	SHORT BASKET BASE ASSY	NTS
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SECTION K-K
SCALE 2X, TYPICAL

D4044-041
FWD RIB ASSY
REF

D4044-043
CENTER RIB ASSY
REF

D4044-5
AFT RIB
REF

D4045-1
LUG, 3 PL

K C7-7
2.53
K

2.43

2.03

VIEW I-I C7-6
(MESH NOT SHOWN FOR CLARITY)
SCALE 2:3X

8 PL
D4021-1
HANDLE PLATE
4 PL

TACK WELD MESH
AT EVERY AVAILABLE
LOCATION

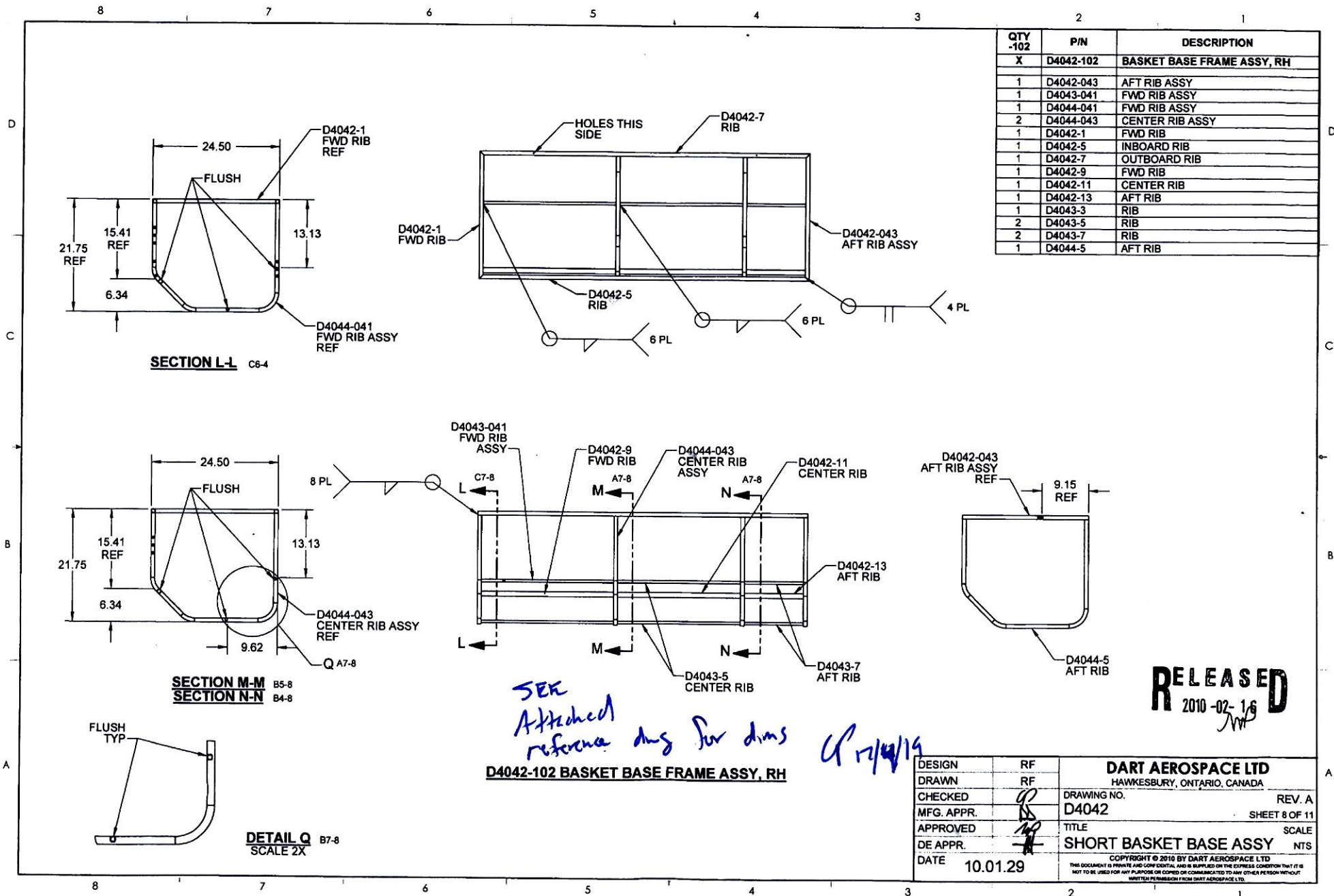
0.30
0.25
TYP
0.30
0.25
TYP

D4046-1
MESH, REF

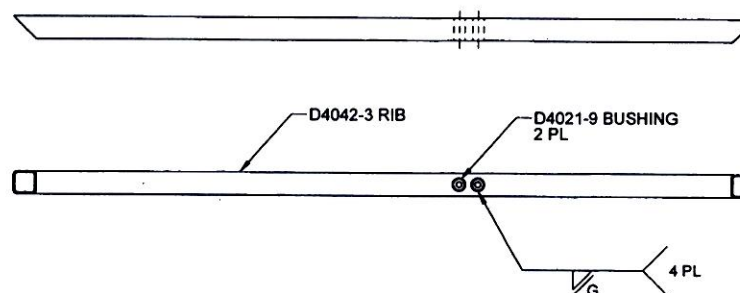
SECTION J-J C7-6
SIMILAR OPPOSITE VIEW
(MESH SHOWN LOCALLY FOR CLARITY)
SCALE 3:2X

RELEASED
2010-02-16
MB

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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4042	SHEET 7 OF 11
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	SHORT BASKET BASE ASSY	NTS
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ITEM	QTY -043	P/N	DESCRIPTION
	X	D4042-043	RIB AFT ASSEMBLY
1	1	D4042-3	AFT RIB
2	2	D4021-9	BUSHING



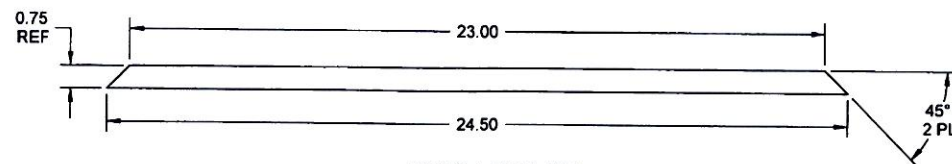
D4042-043 AFT RIB ASSEMBLY

NOTES:

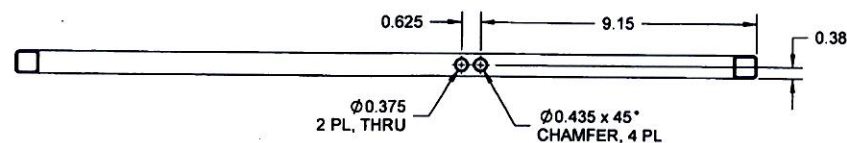
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.91 lbs
- 8) WELD PER DART QSI 004

RELEASED
2010-02-16
MP

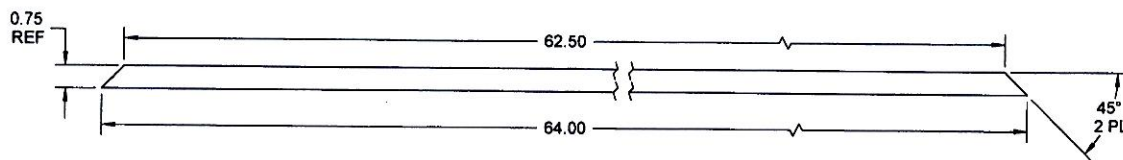
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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4042	SHEET 9 OF 11
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	SHORT BASKET BASE ASSY	NTS
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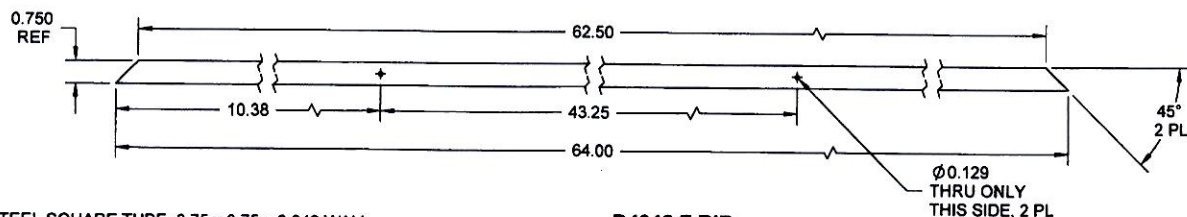
D4042-1 FWD RIB



D4042-3 AFT RIB



D4042-5 RIB



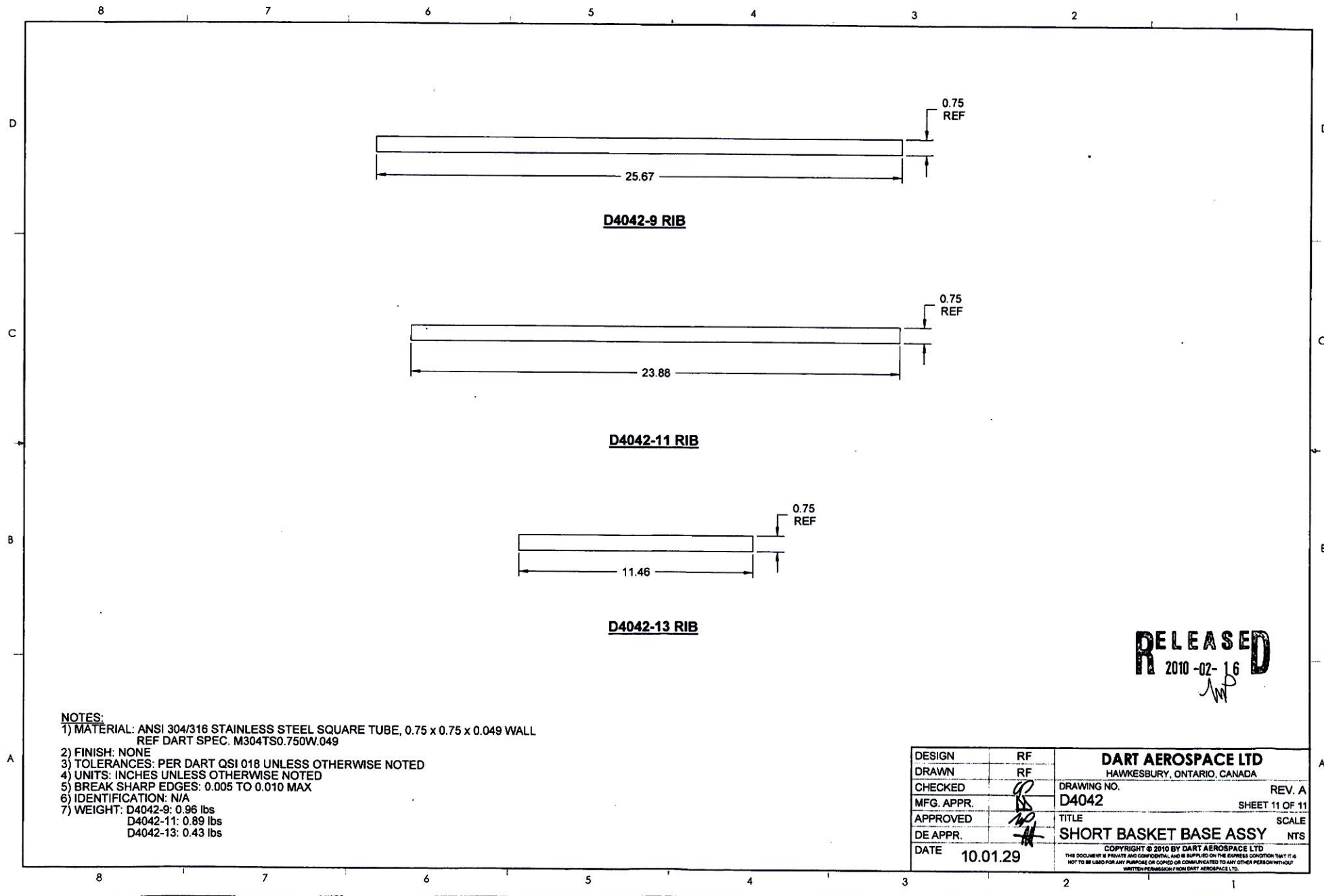
D4042-7 RIB

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 x 0.75 x 0.049 WALL
REF DART SPEC. M304TS0.750W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: D4042-1: 0.89 lbs
D4042-3: 0.88 lbs
D4042-5: 2.36 lbs
D4042-7: 2.36 lbs

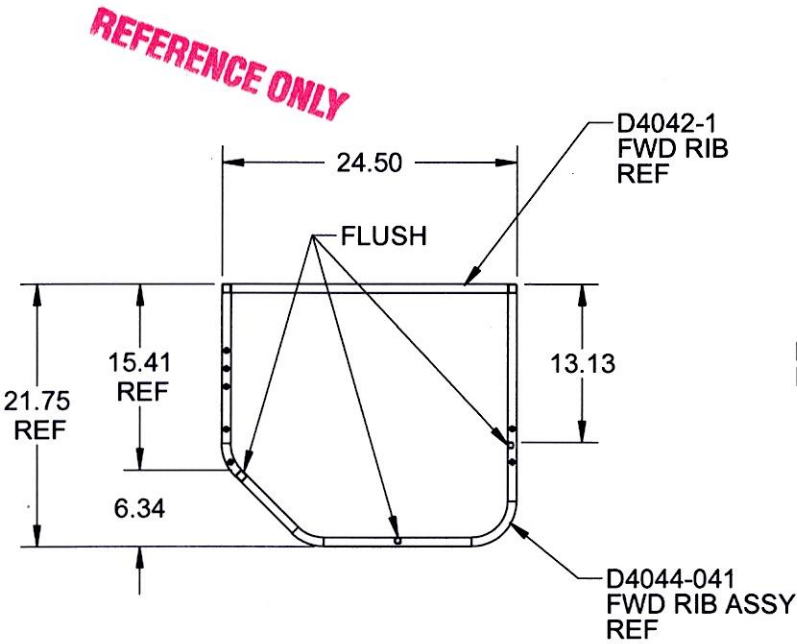
RELEASED
2010-02-16
JMD

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4042	SHEET 10 OF 11
APPROVED		TITLE	SCALE
DE APPR.		SHORT BASKET BASE ASSY	
DATE	10.01.29	NTS	
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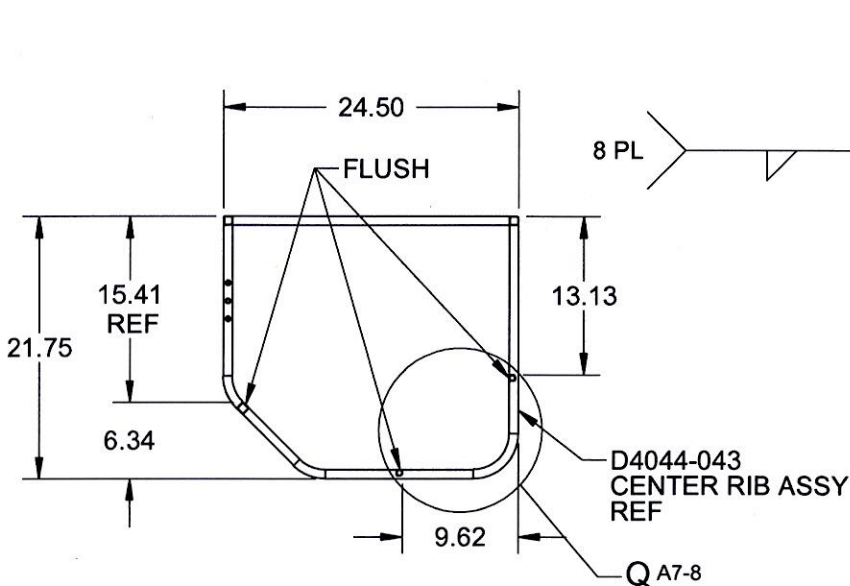
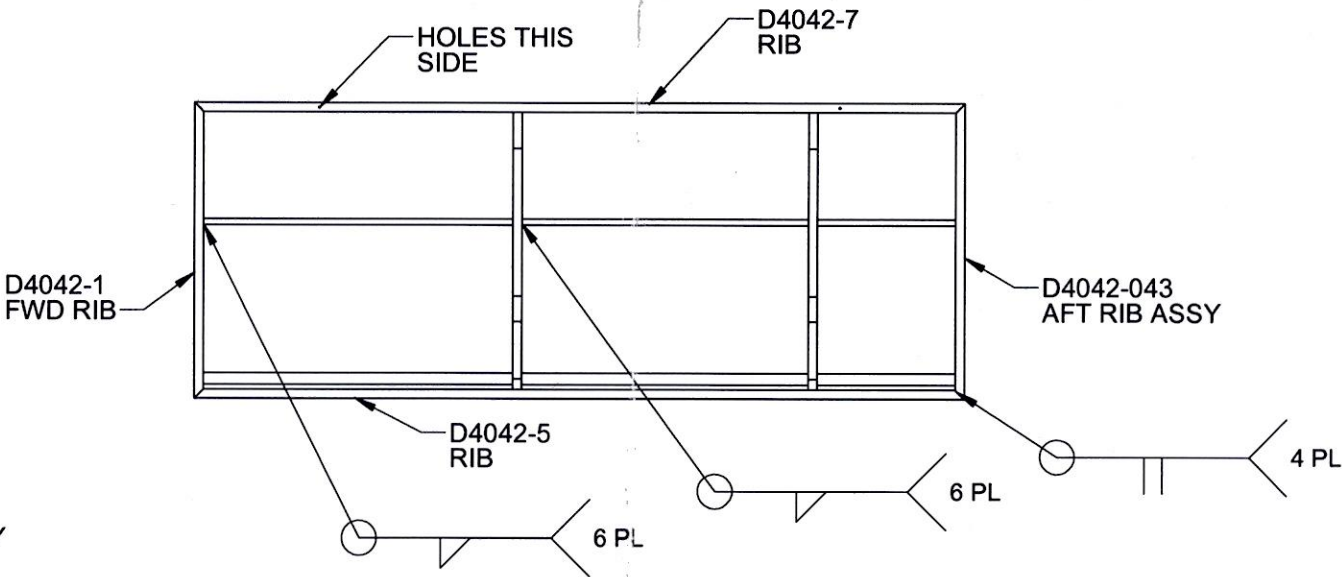


Reason	Parent Item ID	Lot Qty	Lot Nbr	Lot
132069	D4042-1	-1	132081	4/29/2015
132069	D4042-5	-1	132078	4/29/2015
132069	D4043-041	-1	132083	4/29/2015
132069	D4043-5	-2	132075	4/29/2015
132069	D4044-041	-1	132073	4/29/2015
132069	D4044-043	-2	132072	4/29/2015
132069	D4042-13	-1	132071	4/29/2015
132069	D4044-5	-1	132079	4/29/2015
132069	D4043-7	-2	132076	4/29/2015
132069	D4016-1	-3	121919	4/29/2015
132069	D4042-7	-1	132077	4/29/2015
132069	D4042-9	-1	132082	4/29/2015
132069	D4043-3	-1	132070	4/29/2015
132069	D4045-1	-3	72931	4/29/2015
132069	D4021-1	-4	129822	4/29/2015
132069	D4042-11	-1	132080	4/29/2015
132069	D2581	-2	102265	4/29/2015
132069	D4042-043	-1	132074	4/29/2015

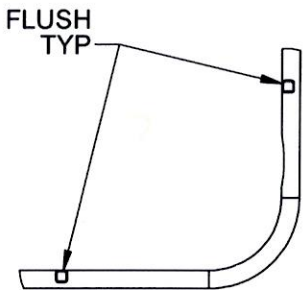
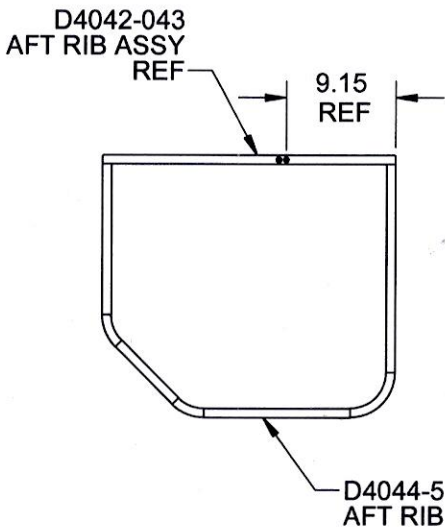
QTY -102	P/N	DESCRIPTION
X	D4042-102	BASKET BASE FRAME ASSY, RH
1	D4042-043	AFT RIB ASSY
1	D4043-041	FWD RIB ASSY
1	D4044-041	FWD RIB ASSY
2	D4044-043	CENTER RIB ASSY
1	D4042-1	FWD RIB
1	D4042-5	INBOARD RIB
1	D4042-7	OUTBOARD RIB
1	D4042-9	FWD RIB
1	D4042-11	CENTER RIB
1	D4042-13	AFT RIB
1	D4043-3	RIB
2	D4043-5	RIB
2	D4043-7	RIB
1	D4044-5	AFT RIB



SECTION L-L C6-4



SECTION M-M B5-8
SECTION N-N B4-8



DETAIL Q B7-8
SCALE 2X

D4042-102 BASKET BASE FRAME ASSY, RH

UNAPPROVED

DESIGN VS
DRAWN DB
CHECKED
MFG. APPR.
APPROVED
DE APPR.
DATE 16.05.02

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. **D4042**
REV. A2
SHEET 8 OF 11
TITLE **SHORT BASKET BASE ASSY**
SCALE NTS
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